OIPE JC79
MAR 14 2005
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.

Date of Deposit:	03/08/05	Name of Person Making the Deposit:	Kristel Lang	Signature of the Person Making the Deposit:	

In re Application of: BHOJA et al.

Application No.: 09/954,453 Examiner: CAO, C.

Filed: 09/12/2001 Art Unit: 2115

Confirmation No.: 7526

For: METHOD AND APPARATUS FOR ELIMINATING DEAD ZONE IN PHASE LOCKED LOOPS USING BINARY QUANTIZED PHASE DETECTORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application

X Transmitted herewith is a response to an office action for the above identified patent application. (12 sheets)
X Transmitted herewith are 4 sheets of substitute formal drawings.
___ Other:

2. Applicant is other than a small entity

Extension of Term

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a) [ ] Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension	Fee
[ ] one month	$120.00
[ ] two months	$450.00
[ ] three months	$1,020.00
[ ] four months	$1,590.00

Fee $ _____

If an additional extension of time is required, please consider this a petition therefor.

(b) [X] Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

Fee Calculation

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(for other than a small entity)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	13	- 24 =	0	x $50.00	$0.00
Independent Claims	2	- 3 =	0	x $200.00	$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				$360.00	$0.00
Total Fees					$0.00

PAYMENT OF FEES

5. The full fee due in connection with this communication is provided as follows:

[X] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085 .
A duplicate copy of this authorization is enclosed.

[ ] A check in the amount of $

[ ] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO LLP
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060
Customer No:40166

Respectfully submitted,

Date: 3/8/05

By: _____
William A. Zarbis
Reg. No. 46,120

OIPE JC2
MAR 14 2005
PATENT & TRADEMARK OFFICE

(Bear-P013)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:		)	
	Bhoja et al.	)	Examiner: CAO, C.
Serial No.:	09/954,453	)	Art Unit: 2115
Filed:	September 12, 2001	)	Confirmation No.: 7526
For:	METHOD AND APPARATUS FOR ELIMINATING DEAD ZONE IN PHASE LOCKED LOOPS USING BINARY QUANTIZED PHASE DETECTORS	)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENTS AND REMARKS

Dear Sir:

In response to the Office Action mailed December 9, 2004, please consider the following remarks and enter the following amendments.

Amendments to the specification are presented on page 2 of this response. Amendments to the figures are described on page 5 of this response. Amendments to the claims are presented beginning on page 6 of this response. Remarks begin on page 10 of this response.